Palsonic

Instruction manual

Mini Component Sound System
PSML-926

TABLE OF CONTENTS

Save the carton and packing material, they will be useful if you ever have to transport the unit.

WORTH knowing

Precautions

◆ Read carefully through this manual to familiarise yourself with this high - quality sound system.
◆ Make sure the rating of your household electricity supply matches that shown on the back of the sound system.
◆ Refer to this chapter and the "Installation/connections" chapter (page 18/19) to help you install and adjust your sound system.

Do not ...
··· expose the sound system to high levels of humidity and heat, to avoid the risk of fire and electric shock.
··· connect the sound system to the power supply if you have just moved it from a cold to a warm environment. This can result in condensation inside the system and cause serious damage to the machine and cassettes. Wait around two hours to allow it to reach room temperature.

Make sure ...
··· the system is placed on a stable, flat surface.
··· you place the system where there is good ventilation all around.
··· you clean the system only with a soft, line-free cloth, do not use aggressive or alcohol-based cleaning agents.
··· you disconnect the power supply if the system appears to be working incorrectly, is making an unusual sound, has a strange smell, has smoke emitting from it or liquids have got inside it.
Have a qualified technician check the system.
··· you disconnect the power supply and aerial if you will not be using the system for a long period or during a thunderstorm.

For your own safety!

◆ There are no components in this sound system you can service or repair yourself.
◆ Do not open the case of the sound system. Only allow qualified personnel to repair or service your set.
◆ "Class 1 Laser Product" : Do not override the safety locks around the laser unit of the CD player : Laser beams can damage your eyes!
◆ This sound system is designed for continuous operation. Switching it off does not disconnect it from the mains (stand-by). To disconnect it from the mains, you have to unplug it.
◆ Recording any copyright protected material may infringe a copyright.
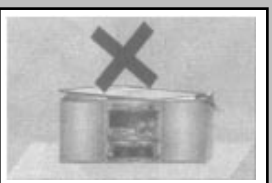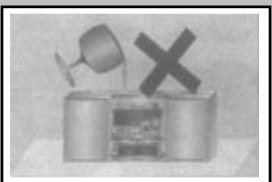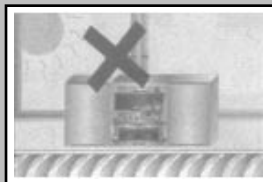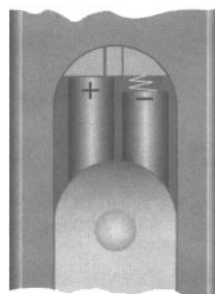
INSTALLATION/ CONNECTIONS

Placing your sound system components

Same distance
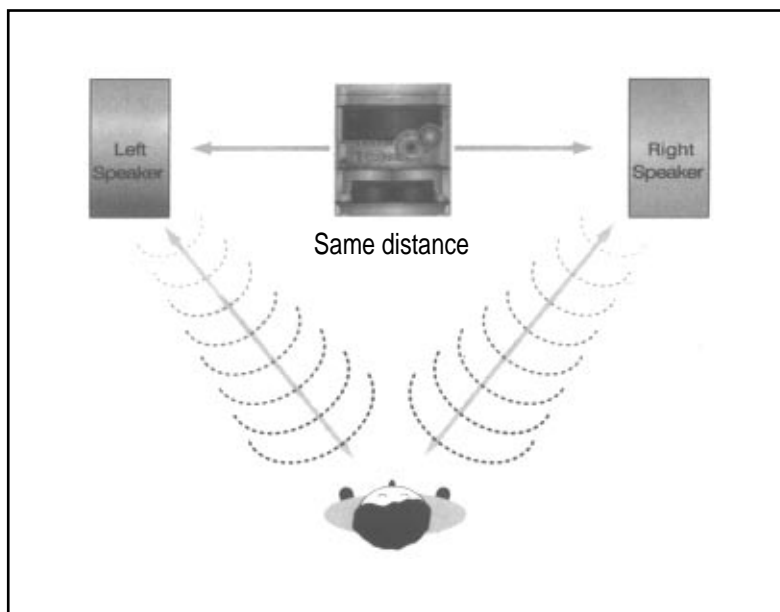
Optimal stereo position

Remote control and batteries

Fit the batteries to match the
+ and - symbols in the
compartment.

◆ Batteries for remote control unit are not provided.
◆ Please protect your environment! As batteries contain certain
toxic substances they pollute the environment if not properly
disposed of. Your specialised dealer will accept used batteries.
◆ Make sure the batteries are always of the same type and age, and
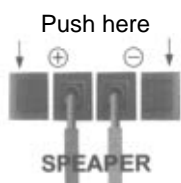remove them from the remote control if you are not using it for a long period.

INSTALLATION/ CONNECTIONS

Installation

FM ANT

◆ Plug the provided AM (MW)antenna here.

◆ Plug a device like a video recorder, TV set, or minidisc, etc. here.
Be sure to connect sockets and plugs of the same colour.

TEST POINT

MW ANT

L   R
AUX

Push here

SPEAKER

Fit the speaker cables. Be sure to connect the pair of cables (for the left and the right speaker) so that the marked flexes have both the same colour (phase).

Right speaker
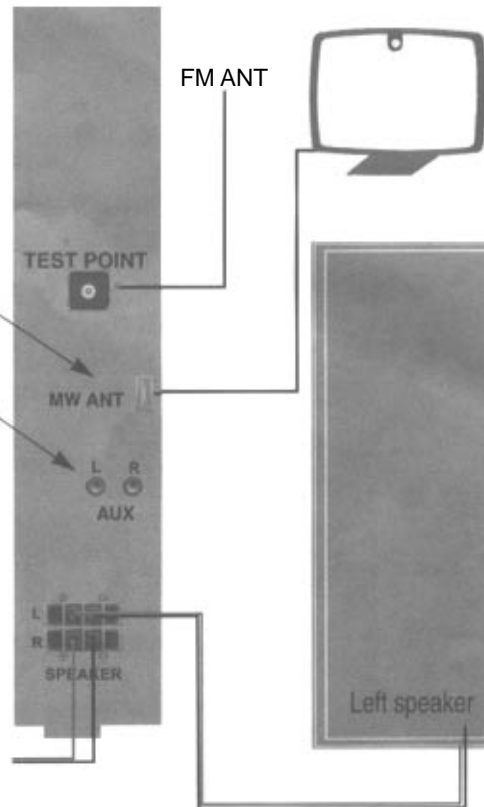
Left speaker

Make sure the rating of your household electricity supply matches that shown on the back of the sound system.

◆ Do not stack objects on top of the sound system.
◆ Do not block the ventilation holes of the sound system.
◆ Place the system so that air can circulate freely.
◆ Switch devices off when connecting or disconnecting.
◆ Do not expose the sound system to high levels of humidity and heat, to avoid the risk of fire and electric shock.
◆ Do not connect the sound system to the power supply if you have just moved it from a cold to a warm environment. This can result in condensation inside the system and cause serious damage to the machine and cassettes. Wait around two hours to allow it to reach room temperature.
◆ Be sure you disconnect the power supply and aerial if you will not be using the system for a long period or during a thunderstorm.
◆ Be sure to read the precautions on page 3.

CONTROLS

Place your sound system
◆ horizontally on a flat, steady base so that air can circulate around it for ventilation.
◆ away from humidify and heat, magnetic fields, such as those from loudspeakers etc., and with no heavy objects placed on top.

The system

STANDBY/ON

To system power ON (stand-by).
Power save mode (Only Europe) : This mode is implemented to reduce power consumption at stand-by operation. At this time, all display are turn off except stand-by mode (power save) L.E.D. This mode is activated by power button after clock setting. Clock, Power, Function, Disc direct, Open/Close , Disc change buttons are available at this mode .

1 2 3

Direct access to one of the three discs that you can load into your sound system.

OPEN/ CLOSE

To open or close the disc compartment to load / unload CDs.

DISC CHANGE

To play the next disc and to turn disc tray for loading up to 3 discs. Also to load a disc while another is playing.

Headphone socket. Plugging in a headphone switches the speakers off.
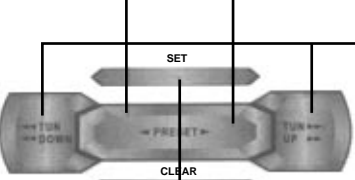
TAPE 1/2   TUNER BAND   AUX   CD

To select tape 1, tape 2, tuner and band, a connected device (video ...), or CD player.

To start play or to select station presets.

To tune in stations, to set values in programming, to fast reverse or advance tape and CD.

SET

TUN DOWN   PRESET   TUN UP

CLEAR

For a short pause during recording of a tape or CD play or to advance in a programming. (e.g. clock set).

To stop play and record or to cancel values and functions.

UBS

UBS enhancement, see page 9.

MUTE

To mute (on/off) the volume for a while, e.g. during a telephone call.

CLOCK

To show the current time in the system's display.

The system

Press to play TAPE 2 in one direction " ⇌ " both directions " ⇌⊃" or repeatedly " ⊂⇌⊃" using MODE button on the machine.

To select timer setting and to activate / deactivate timer stand-by.

DISPLAY / DEMO : to switch between the system's display and a display demonstration.

You can see demonstration of this system by press DEMO/DISPLAY button shortly. Or to modify graphic equalising display, press DEMO/DISPLAY button more than 1 sec during music playing. And you can select your favourite display sequentially.

To dub a tape at high or normal speed with synchronised start of both, playing and recording tapes.

To dub a CD with synchronised start of disc and tape.
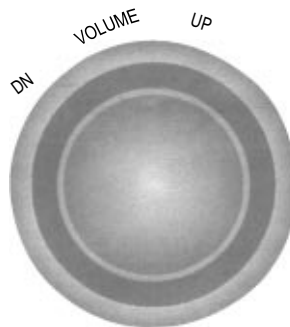
To start a recording.

To select music styles, see page 9.

To set the volume level.
Gently twist left or right.

Tape compartment 1 for playing tapes.

Tape compartment 2 for playing tapes in both directions (see page 11 PLAY MODE) and recording tapes.

CONTROLS

◆ *The remote control is the principal means of control, but the main functions are also available on the front of the machine.*

◆ *Press the buttons POWER or FUNCTION (TAPE, TUNER, AUX, CD) to turn on the power.*

The Remote Control Unit

MAX. 4M   **MAX. 4M**

Power on / off (stand-by).
Power save mode (Only Europe): This model is implemented to reduce power consumption at stand-by operation. At this time, all displays are turned off except stand-by mode (power save) LED.

FUNCTION
To select tape, tuner, a connected device (video ...) or CD player.

To set the volume level.

TUNE   TUNE
To tune in stations, to set values in programming, to fast reverse or advance tape and CD.

PRESET
To start play CD or to select station presets.

CLEAR
To stop play or cancel values and function.

PGM
To enter programme play.

RANDOM
To select random play for all CDs or track of the selected disc. Press repeatedly.

REPEAT
To select repeat play for a track, a CD, or all CDs.

Direct Access to one of three discs that you load onto your sound system.

CLOCK
To show the current time in system's display.

SLEEP
To set the minutes after which the system is to switch off automatically. Press repeatedly for time between 90 and 10 minutes

For a short pause during recording of a tape or CD play or to advance in a programming (e.g. clock set).

TIMER
To select timer setting and to activate / deactivate timer stand-by.

BAND
To select FM or AM radio.

To select music style setting, see page 9.

MUTE
To mute (on/off) the volume for a while, e.g. during a telephone call.

TAPE 1/2
To select FM mono for a weak stereo reception, or TAPE 1/2.

Bass enhancement (on/off), see page 9.

CONTROLS

The sound

VOLUME   UP

DN
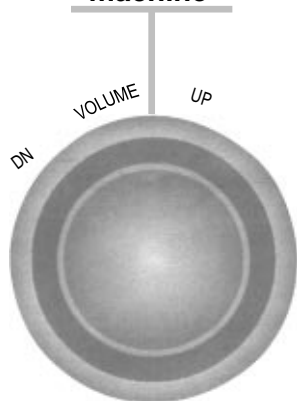
Volume level

Volume control both on the system as well as on the remote control.

Mute

If you want to turn the volume down very quickly, because the phone rings or someone is knocking at the door, press this button. Press again or the volume button to get the previous volume level.

MUTE

Music styles

This adjustment section lets you adjust your system's sound to the music style you are listening to such as *Merengue, Classic, Reggae, Salsa, Samba, Jazz, Rock and Pops* (**Flat** means no style).
Press the buttons repeatedly for the desired mode and watch the display.

Ultra Bass Sound system

Use this button on the machine or on the remote control to give music more volume and power by boosting its bass section (on/off).

RADIO
listening

Tuning stations

FUNCTION

Select the tuner function.

BAND

Select the band.

TUNE **TUNE**

`FM-93 10`

To find weak stations too, press repeatedly while tuning.
To find powerful stations quickly tune automatically keeping either button pressed until tuning starts.

A station is being received.

TAPE 1/2
MO/ST

FM stereo broadcasts with too much noise can be switched to mono for less noise.

Programming station presets

You can store up to 30 FM / 15 AM stations.

TUNE **TUNE**

Find a station as under "Tuning stations".

SET

`8-9390`

Store.
The system assigns a station to a number beginning with 1 one after another.

Selecting station presets

PRESET

`12-89 10`

Select lower or higher preset numbers.

◆ On the machine select the tuner function and the band by pressing BAND / TUNER button. The other buttons are on the machine too.
◆ If you try to store a 31st FM / 16th AM (MW) station, the display will show "FULL".
◆ To clear a preset station, select it, press ■ / CLEAR , then ▮▮ / SET for 3 seconds. You can use the TAPE 1/2 button of the remote control to switch back to stereo.

◆ *TAPE 1: To playback prerecorded tapes.*
◆ *TAPE 2: Only to playback prerecorded tapes*
       and to record tapes.
◆ *For tape recording see page 14-15.*

Playing tapes

FUNCTION

Select the TAPE 1 or TAPE 2 function.

▲   button on the machine

Open either tape compartment to load the tape.
Be sure to have the open part of the cassette downwards and the left hand spool fully wound.
Close the compartment door again, pushing it softly.

PRESET

Start playback.
TAPE 2 you can start in either direction ◄/►

CLEAR

Stop playback.

Winding

CLEAR

Stop playback.

TUNE   TUNE

Fast rewind or advance the tape.

Skipping a track (AUTO FIND)

PRESET

During playback.

TUNE   TUNE

Fast rewind to the beginning of the current piece of music or advance to the next piece.

Continuous playback

FUNCTION

Select the TAPE 2 function in the ⊐⊃ mode.
Load tapes into both compartments.

PRESET

Set TAPE 2 to play.
After playing both sides of TAPE 2, the machine will commence with TAPE 1 (one side).

◆ Select the tape function by pressing the TAPE 1/2 button.
◆ **PLAY MODE** : Select if the system is to play TAPE 2 in one direction "⊐ ", both directions "⊐⊃" or repeatedly "⊂⊐⊃" using MODE button on the main unit.
◆ The tape counter resets to "0000" when a tape compartment is opened ("0000" need not be the beginning of the tape).
◆ To find the next piece of music at least 5 sec. free space has to left between the music tracks.

CD playing

CD label up
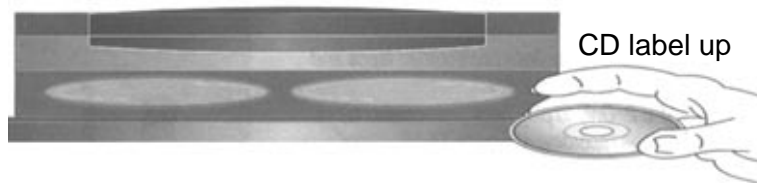
Playing CDs

FUNCTION

Select the CD function.

OPEN/ CLOSE   on the machine

Open the disc compartment to load a disc.
Be sure to have the disc label facing upwards.

To play 1 or 2 discs, place them in the first tray and / or second tray DISC Compartments.

DISC CHANGE   on the machine

To play 3 discs, place 2 discs and turn the trays for the third tray, using DISC CHANGE button. (Also to load a disc while another is playing.)

PRESET

Start playback.
The currently played disc is the one on the left, when you open the compartment.

To start a specific disc.

If you want to interrupt playback briefly - and to continue.

CLEAR

Stop playback.

Searching

TUNE **TUNE**

To search for a particular point on the disc reverse or forwards.

Skipping

TUNE **TUNE**

To Skip tracks down / up (if you want, press the button repeatedly).

◆ On the machine select the CD function, by pressing the CD button. The other buttons are on the machine too.
◆ When the disc stops the machine shows its total time.
◆ During playback the machine shows the current disc number, the current track number, and the tracks play time.

C D
playing

Programmed CD tracks playback

CLEAR   Stop the disc.

PGM   Select the programme function.

                          Choose a disc.

TUNE ◄◄ ►► **TUNE** Select a track number.

                          Select this number for the programme.
                          ◆ With the last two steps select up to 30 tracks for your programme.
                          ◆ DISC CHANGE button has no effect in programming.

PRESET   Play your programme.
                          You can search and skip during programmed playback.

CLEAR   Stop Playback
                          To cancel programmed CD playback, press the button twice.

Repeat playback

                          Select the repeat function, press repeatedly to have ...

REPEAT   *" REPEAT "*   to repeat the current track
                          " (DISC) REPEAT "   to repeat the current disc,
                          " (ALL) REPEAT "   to repeat all discs.

                          To cancel repeat playback, press the button until "REPEAT"
                          in the display is unmarked.

                          You can repeat a programme by *" (ALL) REPEAT"* or a track
                          "REPEAT" during programme playback.

Random playback

                          Select the random function, press repeatedly to have ..

RANDOM   *"RANDOM (DISC)"* to play tracks of the
                                            current disc randomly.
                          "RANDOM (ALL)" to play tracks from disc
                                            1, 2 and 3 randomly.

                          To cancel random playback, press the button until
                          "RANDOM" in the display is unmarked.

RECURRING

◆ *Load a tape with enough free recording time into TAPE 2.*
◆ *Be sure to have the open part of the cassette downwards and the left hand spool fully wound.*
◆ *Close the compartment door again, pushing it softly*

Recording stations

TUNER BAND	buttons on the machine	Select the TUNER function.
TUNER BAND		Select the band.
		Choose the station (see also page 10).
REC		Start your recording.
SET		If you want to interrupt recording briefly-and to continue.
CLEAR		Stop your recording.

Recording from a connected device

|		
AUX	buttons on the machine	Select the AUX function. Be sure the audio output of the device is properly connected (TV set, video recorder, minidisc, etc.) to the AUX input sockets on the back of the machine (see also page 5).
REC		Start your recording.
SET		If you want to interrupt recording briefly-and to continue.
CLEAR		Stop your recording.

◆ To find the point the recording is to start, use the functions on page 11.

◆ *TAPE 1: Only to playback prerecorded tapes*
◆ *TAPE 2: To playback prerecorded tapes in both directions and to record*

Recording CDs with synchro start

The synchro start function gives you a very comfortable way of copying (tracks of) CDs to a tape: One press of a button starts both CD playing and tape recording at the right time.

CD   buttons on the machine

OPEN/ CLOSE

1   2   3

REC

CLEAR
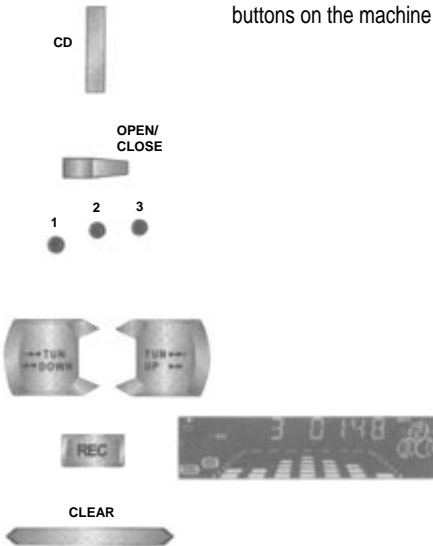
Select the CD function.

Open the disc compartment to load a disc.

Select the disc you want to record.

Stop CD play before recording start.

To find a track to be recorded.

Start your recording.

Stop your recording.

Recording from another tape (dubbing)

TAPE 1/2   buttons on the machine

SYNC DUB

CLEAR
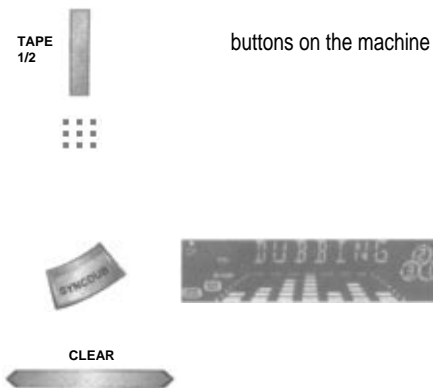
Select the TAPE function.

Load a tape with enough free recording time into TAPE 2.

Load the prerecorded tape (the one to be dubbed) into TAPE 1.

Start your dubbing by selecting dubbing speed:
"Hi-DUB" dubs with double speed = half the time
"DUB" dubs with normal tape speed.
Press repeatedly.

Stop your recording.

◆ If the tape is not rewound completely, rewind it first.
◆ If you want to start at the current position, press REC button.
◆ Use only good quality tape cassettes.
   Keep cassettes away from excessive moisture or dust, magnetic and electrical fields (loudspeakers and computer monitors, for example)
   Always wind the tape to the beginning when you have finished.
   Store the cassette in its cover.
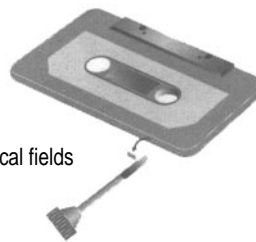
You can protect your precious recordings from being wiped by breaking out the safety tab on the side of the cassette.
Should you wish to re-use the tape after removing the tab, cover the hole with adhesive tape.

Power save mode is activated by power button after clock setting.

Setting the clock (24 hour)

Switch off your sound system*.

Enter clock-set mode, the hour and minute digits flash.

Set the current hour.

Switch to the minute digits.

Set the current minutes.

Start the clock and exit clock set.

Displaying the time

CLOCK

The machine shows the time for approx. 4 seconds.

Setting the sleep timer

You can set the machine to automatically switch off after a specified time

SLEEP

Select the SLEEP function.

SLEEP

Each time you press the button, you cut off time from 90 minutes down to 10 minutes (then off).

◆ If you want to cancel the SLEEP function. Dress the button till "SLEEP" disappears from the display.

* Only if the clock was set before.

FUNCTION

16

◆ *You can set the machine to automatically switch on and off at a specified time.*
◆ *Be sure the clock is set accurately.*

Setting the timer

TIMER

Select the TIMER function.
(Timer display disappears after about 9 seconds.)

FUNCTION

Select, if you want to listen to the radio, tape, CD, or a connected device when the system turns on. Press repeatedly.

Enter 'on' time.

TUNE   TUNE

Set the hour of the time the machine is to switch on.

Switch to the minute digits.

TUNE   TUNE

Set the minutes of the time the machine is to switch on.

Switch to volume setting.

Set the volume between (MIN.) 1 and (MAX.) 28.

Switch to the time the machine is to switch off again.

TUNE   TUNE

Each time you press the button, you cut increase off time from 10 minutes up to 240 minutes.

Exit the setting.

Timer (record) stand-by on / off

TIMER

Press the button repeatedly to switch :
" ⊕ "   timer stand-by to play
" ⊕REC "   timer record stand-by to record.
"   "   timer disable.

Checking the timer

TIMER

Select the TIMER function.

TIMER

Press the button repeatedly for the timer items.

◆ **Timer record :**
Set the timer as above. Load a tape with enough space and without safety hole (page 15) into TAPE 2. Then set timer standby to " ⊕REC ".

APPENDIX

Before you ask a specialist

|	
No sound	- No mains supply? - Volume at minimum? - Are headphones plugged in the headphone socket? - Did someone press the MUTE button?
No Display	- The power save mode ? - Replug the AC Cord.
Noise with radio sound	- Station not tuned accurately? Tune again. - Weak FM station? Switch to mono using MODE button. - Weak AM stations? Move the AM antenna slowly for better reception. - Antenna accurately fitted?
Bad sound with tapes	- Be sure playing / recording heads and tape guiding parts are clean, see bottom of this page. - Try another cassette.
Not recording	- Cover the protective hole of the cassette with adhesive tape. - Correct source CD, tape, tuner, AUX selected?
Not playing CDs	- Load a CD with the label facing upwards. - CD scratched, broken, deformed, ... Try with another. - Condensation e.g. after a transport? Wait for a while (20-30 minutes). - CD dirty? Wipe with a soft cloth from the centre to the outside.
Remote control does not work	- Check Batteries polarity? See page 18. - Batteries run down? Try new ones. - An object is blocking the direct line between remote control and the system. Max distance to the system is 4-7 m pointing to its front.

Cleaning the audio heads of the tape deck

Unplug your sound system from the mains. Open the tape compartments.
After playing and recording for a time, the sound of the tape recorders may
become muffled. Then clean the heads and tape guiding parts.

Only use a soft utensil with
alcohol or a special head
cleaning liquid.
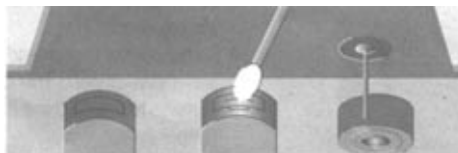
erasing head   playing/   tape guiding
                recording head   parts

APPENDIX

Compact discs

Always ...

◆ handle your discs with care. Hold a disc with the fingers touching the edge or the hole.
◆ place the disc with the label facing up.
◆ place the disc properly into the tray using the proper guide area for 12 cm or 8 cm discs.
◆ replace a disc in its case after playing and store it in a vertical position.
◆ use a soft cloth to clean a disc if necessary and wipe from the centre to the outside.
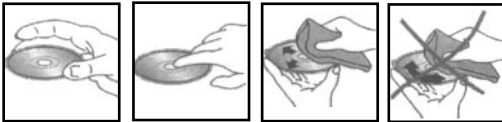
Never ...

◆ play a deformed, cracked, or chipped disc.
◆ try to repair a disc with adhesive tape or glue.
◆ close the tray with a disc slipping out of the guide area, or two disc inside.
◆ scratch a disc or store it in direct sunlight, high humidity or high temperature.
◆ use record cleaning sprays, benzene, static electricity liquids or any other solvent, if the disc surface is soiled.
◆ wipe the disc in a circular motion, since circular scratches are likely to occur, which will cause noise.
◆ write on the disc.
◆ move the system during playback.

Technical data

Dimensions (W x D x H)

Set:	275 x 377 x 317.5 mm
Speaker:	225 x 385 x 340 mm
Weight:	9.4 kg + 4.7 kg x 2

Power supply

Voltage: AC 240V/50Hz

Power consumption

100 watt

Power save of stand-by (Only Europe)
Less than 1 watt

Reception range

FM:	87.5MHz - 108MHz
AM:	522 - 1620kHz

Subject to technical alterations without notice.

3 x CD changer

Converter:	16 bit D/A
Oversampling:	8x

Tape

Synchro recording. 1x auto reverse
High Speed Dubbing, Automatic level control.

Amplifier

Output Power: 150 watt + 150 watt (RMS)

Speakers

Woofer	6"
Tweeter	2"
Impedance	6 ohm

Palsonic

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